



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

22470

7590

08/09/2005

HAYNES BEFFEL & WOLFELD LLP P O BOX 366 HALF MOON BAY, CA 94019 EXAMINER ELLIS, KEVIN L

ART UNIT

PAPER NUMBER

**DATE MAILED: 08/09/2005** 

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/619,798	07/15/2003	Subir Ghosh	OPTI 3140-6	7888

TITLE OF INVENTION: PREDICTIVE SNOOPING OF CACHE MEMORY FOR MASTER-INITIATED ACCESSES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	. DATE DUE	
nonprovisional	NO	\$1400	\$300	\$1700	11/09/2005	

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notification	ns.		i) specifying a i		·	and/or (b) indicating a sepa		
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				]	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
22470 7	590 08/09/2005				papers. Each additions have its own certificate	n paper, such as an assignme e of mailing or transmission.	ent or formal drawing, must	
HAYNES BEFF	EL & WOLFELD LI	.P				rtificate of Mailing or Trans		
P O BOX 366			•		hereby certify that th	is Fee(s) Transmittal is being	g deposited with the United	
HALF MOON BA	Y, CA 94019				States Postal Service valdressed to the Mai transmitted to the USP	nis Fee(s) Transmittal is being with sufficient postage for fir 1 Stop ISSUE FEE address TO (571) 273-2885, on the d	st class mail in an envelope above, or being facsimile late indicated below.	
				[			(Depositor's name)	
				. [			(Signature)	
				[			(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED I	INVENT	OR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/619,798	07/15/2003		Subir Gh	hosh	-	OPTI 3140-6	7888	
TITLE OF INVENTION: P	REDICTIVE SNOOPING O	F CACHE MEMO	RY FOR MAS	TER-IN	NITIATED ACCESSE	ES		
					•			
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE	PU	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400	)		\$300	\$1700	11/09/2005	
EXAN	MINER	ART UN	IT	CL	ASS-SUBCLASS			
ELLIS, I	KEVIN L	2188			711-146000	ı		
1. Change of correspondenc CFR 1.363).	e address or indication of "F	ee Address" (37	-	_				
_ ′	dence address (or Change of	Correspondence	(1) the name or agents OR	es of up R, alterr	to 3 registered pater natively,	nt attorneys	<del></del>	
			(2) the name	e of a si	ingle firm (having as a	member a 2		
PTO/SB/47; Rev 03-02 Number is required.	or more recent) attached. Use	e of a Customer	2 registered	patent:	attorneys or agents. If	no name is 3	•	
			,	••	• • •			
PLEASE NOTE: Unless recordation as set forth in	s an assignee is identified be 1 37 CFR 3.11. Completion	low, no assignee of this form is NO	data will appea T a substitute for	ar on th or filing	e patent. If an assign an assignment.	ee is identified below, the d	ocument has been filed for	
(A) NAME OF ASSIGN	EE	(B	) RESIDENCE:	: (CITY	and STATE OR COU	UNTRY)		
Please check the appropriate	accianea cotogoni or cotogo	rias (will not be no	:		Пини По		Па	
		- <u>-</u> -			Individual GC	orporation or other private gro	oup entity Government	
☐ Issue Fee				(-)	ount of the fee(s) is en	closed.		
_	Subir Ghosh OPTI 3140-6 7888  INVENTION: PREDICTIVE SNOOPING OF CACHE MEMORY FOR MASTER-INITIATED ACCESSES  LN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE rovisional NO \$1400 \$300 \$1700 \$11/09/2005  EXAMINER ART UNIT CLASS-SUBCLASS  ELLIS, KEVIN L 2188 711-146000  Of correspondence address or indication of "Fee Address" (37 (2) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents of the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorneys or agents on the patent attorneys or agents of the names of up to 2 registered patent attorneys or agents. If no name is 1 servedured.  EE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  SNOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for ion as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  ME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)							
		<del></del>	The Directo	or is he	ereby authorized by cl	harge the required fee(s), or	credit any overpayment, to	
5. Change in Entity Status	(from status indicated above	)	Deposit Accou	int Nun	iber	(enclose an extra co	opy of this form).	
a. Applicant claims S	MALL ENTITY status. See	37 CFR 1.27.						
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issu ublication Fee (if required) vords of the United States Pate	ne Fee and Publicate vill not be accepted and Trademark	tion Fee (if any) I from anyone o Office.	or to reacher the	e-apply any previousl an the applicant; a regi	y paid issue fee to the applica stered attorney or agent; or th	ation identified above. ne assignee or other party in	
Typed or printed name _								
				abe-!				
an application. Confidential submitting the completed archis form and/or suggestions Box 1450, Alexandria, Virg	ity is governed by 35 U.S.C. oplication form to the USPTs for reducing this burden, shinia 22313-1450. DO NOT	122 and 37 CFR 1 O. Time will vary ould be sent to the SEND FEES OR C	1.14. This collect depending upor Chief Informat COMPLETED F	ction is n the in tion Of FORMS	estimated to take 12 r dividual case. Any co ficer, U.S. Patent and TO THIS ADDRESS	ne public which is to file (and minutes to complete, includin mments on the amount of tir Trademark Office, U.S. Depa S. SEND TO: Commissioner	n by the USP IO to process) ag gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,	



### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	DATE FIRST NAMED INVENTOR		CONFIRMATION NO.	
10/619,798	. 07/15/2003	Subir Ghosh	OPTI 3140-6	7888	
22470	7590 08/09/2005	EXAMINER			
	FEL & WOLFELD LLP	ELLIS, K	ELLIS, KEVIN L		
P O BOX 366 HALF MOON F	3AY, CA 94019		ART UNIT	PAPER NUMBER	
-	•		2188		
		DATE MAILED: 08/09/2005	DATE MAILED: 08/09/2005		

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 328 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 328 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.